line 20, change "analog-to-digital" to --digital-to-analog--.

Page 16, replace line 2 with the heading:

--**What Is Claimed Is**:--.

IN THE CLAIMS:

Please cancel claim 1 and amend claims 2-4, 6, and 7 as follows:

2. (Amended) The method [as claimed in claim 1] of claim 9, wherein N is equal to 30 and K is equal to 1.

3. (Amended) The method [as claimed in claim 1] of claim 8, wherein a predeterminable number of time slots for [ARQ (Automatic Repeat Request)] Automatic Repeat Request transmission repeats are provided on average over time in the multiplex time frame of the data transmission.

4. (Amended) The method [as claimed in claim 1] of claim 8, wherein in the event of erroneous transmission, the data are retransmitted after having been modified [, for example by means of a computing algorithm].

6. (Amended) The method [as claimed in claim 1] of claim 8, wherein the switching frequency of an interference source[, for example a power supply unit,] is synchronized with one of the carrier frequencies [of] associated with the discrete multitone modulation of the digital data.

7. (Amended) The method [as claimed in claim 1] of claim 8, data being

transmitted via two or more two-wire lines which are routed at least partially at crosstalk

distance, wherein the time division multiplex operation [(TDM)] is carried out

synchronously on all of the two-wire lines, with the result that either transmission or

reception is performed simultaneously on all of the two-wire lines.

Please add new claims 8-10:

--8. A method for bidirectional data transmission via a two-wire line, comprising

the steps of:

modulating and demodulating the digital data using discrete multitone modulation;

and

separating digital data to be transmitted and the digital data to be received by time

division multiplex operation, wherein an associated multiplex time frame is subdivided into

a predeterminable number of time slots N, a number of time slots K being assigned

exclusively to one transmission direction, and the remaining number of time slots N-K

being assigned exclusively to the other transmission direction.

9. The method of claim 8, wherein the remaining number of time slots N-K

constitute a majority of the predeterminable number of time slots N.

10. The method of claim 6, wherein the interference source is a power supply

unit.--